



Lessard-Sams Outdoor Heritage Council

DNR Aquatic Habitat Restoration and Enhancement Laws of Minnesota 2018 Accomplishment Plan

General Information

Date: 02/06/2023

Project Title: DNR Aquatic Habitat Restoration and Enhancement

Funds Recommended: \$2,834,000

Legislative Citation: ML 2018, Ch. 208, Art. 1, Sec. 2, subd 5(q)

Appropriation Language: \$2,834,000 the second year is to the commissioner of natural resources to restore and enhance aquatic habitat in degraded streams and aquatic management areas and to facilitate fish passage. A list of proposed land restorations and enhancements must be provided as part of the required accomplishment plan.

Manager Information

Manager's Name: Jamison Wendel

Title:

Organization: MN DNR

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Location Information

County Location(s): Goodhue, Itasca, Winona, Wabasha, Todd, , St. Louis, Scott, Rice, Renville, Redwood, Fillmore, Cook, Becker, Houston, Douglas, Big Stone, Kandiyohi, Waseca, Aitkin, Anoka, Le Sueur, Lake, Kanabec, Cass, Pope, Pine, Otter Tail, Morrison, Mower, Mille Lacs, Meeker, McLeod, Marshall, Carver, Carlton, Brown, Benton, Beltrami, Wright, Dakota, Crow Wing, Hubbard, Lake of the Woods, Nicollet, Clay, Chisago, Faribault and Dodge.

Eco regions in which work will take place:

- Northern Forest
- Forest / Prairie Transition
- Prairie
- Metro / Urban
- Southeast Forest

Activity types:

- Restore
- Enhance

Priority resources addressed by activity:

- Habitat

Narrative**Abstract**

Good habitat is critical to sustaining quality fish populations in both lakes and rivers. DNR proposes to restore or enhance aquatic habitat under two programs: stream restoration, and Aquatic Management Area (AMA) enhancement. Stream restoration includes major channel restorations and fish passage projects such as dam removals intended to improve or provide access to critical aquatic habitats. AMA enhancement will improve habitat on shorelines and their associated uplands, providing critical spawning habitat for fish, and riparian habitat critical for many species of amphibians, turtles, and birds.

Design and Scope of Work

Projects planned through this appropriation fall into two categories: stream restoration, and Aquatic Management Area enhancement. Through these programs, DNR will complete habitat projects on both lakes and rivers for the benefit of fish and other aquatic species.

MN DNR is a national leader in stream restoration, having innovated and refined restoration techniques of the past 30+ years. An example is the removal or modification of dams on the Red River to allow fish passage, which has resulted in native fish (e.g., channel catfish and walleye) returning or increasing in reaches upstream of former barriers. Projects in our plan are prioritized based on factors such as the scale of benefiting waters, local support, rare species, and project urgency. Quite often dam removal/modification projects are done on old dams in need of repair. If removal/modification funds are not available, it is possible that partners may seek funds elsewhere to repair or replace the dam, which represents a potential missed opportunity to address fish passage. Our prioritized list includes submissions from several partners including watershed districts, local governments, and Soil and Water Conservation Districts (SWCDs). Partners are often able to handle local logistics and provide some in-kind or financial match. In this accomplishment plan we have included 12 stream restoration projects, which includes 5 channel restorations and 7 fish passage projects. This plan also continues support of a position previously funded LSOHF that coordinates stream restoration projects, providing surveying, design, permitting, and contracting support to enable DNR to complete these additional projects. The amount of funding recommended by the Lessard Council is not sufficient to complete all of the projects on our parcel table. We will select projects based on our prioritized list (included in attachments), completing our top projects as funding allows. We currently expect to complete the North Fork Zumbro River and Miller Creek channel restorations, and the Shell River fish passage project. If we are successful in securing additional funds from other grants, we may be able to complete additional projects. All stream projects will utilize Natural Channel Design methods in order to create long-lasting projects with appropriate habitat.

DNR owns almost 1,400 AMA parcels totaling over 34,000 acres of lake and river shoreline and associated uplands. These parcels encompass critical habitat for fish, turtles, frogs, and birds that depend on shoreline habitat. Quality habitat often requires ongoing maintenance such as invasive plant removal, prescribed burns, and planting of native species. The DNR's Section of Fisheries manages AMAs but has limited capacity and expertise to manage these lands. This proposal requests continued funding for positions previously funded by LSOHF who are tasked with designing, contracting, and overseeing AMA enhancement work. Also included are project dollars that will be used to enhance 265 acres of AMA habitat.

How does the plan address habitats that have significant value for wildlife species of greatest conservation need, and/or threatened or endangered species, and list targeted species?

The proposed fish passage projects on the Pelican River (Elizabeth Dam and Pelican Rapids Dam) are both opportunities to create connectivity and spawning habitat for lake sturgeon (species of greatest conservation need) which are being restored in the Red River basin. In addition, creek heelsplitter and fluted-shell mussels (both threatened) are only found downstream of the Pelican Rapids Dam, prevented from accessing habitat upstream. The Whetstone River project would create suitable habitat for the mucket mussel (threatened) which is found downstream. On the Pine River in Crow Wing County, black sandshell mussels are only found downstream of the Norway Lake Dam.

Describe how the plan uses science-based targeting that leverages or expands corridors and complexes, reduces fragmentation or protects areas identified in the MN County Biological Survey:

Barriers to migration are one of the biggest stressors on aquatic life, at times resulting in the loss of species. The fish passage projects in this proposal will greatly enhance connectivity of habitat along river systems, reducing fragmentation that has resulted in the loss of fish and mussel species, some of which are state-listed as threatened. There are 6 such projects in this proposal, providing access to almost 10,000 acres of critical locations that may serve as habitat for spawning, rearing, over-wintering, or refuge from low flow.

Many AMAs contain native plant communities identified by the MN County biological survey. Habitat enhancement proposed in this request will help to maintain the quality of these communities into the future, rather than allowing them to be degraded by invasive species, woody encroachment, or other threats.

Which two sections of the Minnesota Statewide Conservation and Preservation Plan are most applicable to this project?

- H5 Restore land, wetlands and wetland-associated watersheds
- H6 Protect and restore critical in-water habitat of lakes and streams

Which two other plans are addressed in this program?

- Minnesota DNR Strategic Conservation Agenda
- Red River of the North Fisheries Management Plan

Which LSOHC section priorities are addressed in this program?

Forest / Prairie Transition

- Protect, enhance, and restore wild rice wetlands, shallow lakes, wetland/grassland complexes, aspen parklands, and shoreland that provide critical habitat for game and nongame wildlife

Metro / Urban

- Protect, enhance, and restore riparian and littoral habitats on lakes to benefit game and nongame fish species

Northern Forest

- Protect shoreland and restore or enhance critical habitat on wild rice lakes, shallow lakes, cold water lakes, streams and rivers, and spawning areas

Prairie

- Restore or enhance habitat on public lands

Southeast Forest

- Protect, enhance, and restore habitat for fish, game, and nongame wildlife in rivers, cold-water streams, and associated upland habitat

Does this program include leveraged funding?

-

Non-OHF Appropriations

Year	Source	Amount
2012	Game and Fish, Heritage Enhancement, and Federal Grants	\$2,404,000
2013	Game and Fish, Heritage Enhancement, and Federal Grants	\$4,062,000
2014	Game and Fish, Heritage Enhancement, and Federal Grants	\$2,843,000
2016	Game and Fish, Heritage Enhancement, and Federal Grants	\$3,267,000

How will you sustain and/or maintain this work after the Outdoor Heritage Funds are expended?

Fish passage and channel restoration projects generally do not require ongoing maintenance except during the 3-year window of vegetation establishment. For AMA enhancement projects and trout stream enhancement, DNR has access to several potential funding sources for subsequent maintenance, including the Game and Fish Fund, the Heritage Enhancement Account, and Trout and Salmon Stamps. In addition, the DNR may seek additional funds from external sources such as the Glacial Lakes Partnership, the Natural Resources Trust Fund, or the Outdoor Heritage Fund.

Actions to Maintain Project Outcomes

Year	Source of Funds	Step 1	Step 2	Step 3
First year post-project	LSOHF	Inspect for maintenance needs	Adjust project as needed	Plant native species
Second year post-project	LSOHF	Inspect for maintenance needs	Adjust project as needed	Ensure establishment of native species through techniques such as controlling invasives
Third year post-project	LSOHF	Inspect for maintenance needs	Adjust project as needed	Ensure establishment of native species through techniques

				such as controlling invasives
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Activity Details

Requirements

If funded, this program will meet all applicable criteria set forth in MS 97A.056?

Yes

Will restoration and enhancement work follow best management practices including MS 84.973 Pollinator Habitat Program?

Yes

Is the restoration and enhancement activity on permanently protected land per 97A.056, Subd 13(f), tribal lands, and/or public waters per MS 103G.005, Subd. 15 or on lands to be acquired in this program?

Yes

Where does the activity take place?

- AMA
- County/Municipal
- Public Waters

Land Use

Will there be planting of any crop on OHF land purchased or restored in this program?

No

Timeline

Activity Name	Estimated Completion Date
Stream restoration project design	September 2019
Stream restoration permitting	March 2020
Stream restoration construction	October 2022
Stream restoration vegetation maintenance	June 2023
AMA enhancement	June 2023

Date of Final Report Submission: 11/01/2023

Availability of Appropriation: Subd. 7. Availability of Appropriation

Money appropriated in this section may not be spent on activities unless they are directly related to and necessary for a specific appropriation and are specified in the accomplishment plan approved by the Lessard-Sams Outdoor Heritage Council. Money appropriated in this section must not be spent on indirect costs or other institutional overhead charges that are not directly related to and necessary for a specific appropriation. Unless otherwise provided, the amounts in this section are available until June 30, 2021. For acquisition of real property, the amounts in this section are available until June 30, 2022, if a binding agreement with a landowner or purchase agreement is entered into by June 30, 2021, and closed no later than June 30, 2022. Funds for restoration or enhancement are available until June 30, 2023, or five years after acquisition, whichever is later, in order to complete initial restoration or enhancement work. If a project receives at least 15 percent of its funding from federal funds, the time of the appropriation may be extended to equal the availability of federal funding to a maximum of six years if that federal funding was confirmed and included in the second draft accomplishment plan. Funds appropriated for fee title acquisition of land may be used to restore, enhance, and provide for public use of

the land acquired with the appropriation. Public-use facilities must have a minimal impact on habitat in acquired lands.

Budget

Budget reallocations up to 10% do not require an amendment to the Accomplishment Plan.

Totals

Item	Funding Request	Antic. Leverage	Leverage Source	Total
Personnel	\$906,000	-	-	\$906,000
Contracts	\$1,712,200	-	-	\$1,712,200
Fee Acquisition w/ PILT	-	-	-	-
Fee Acquisition w/o PILT	-	-	-	-
Easement Acquisition	-	-	-	-
Easement Stewardship	-	-	-	-
Travel	\$20,000	-	-	\$20,000
Professional Services	\$70,000	-	-	\$70,000
Direct Support Services	\$90,800	-	-	\$90,800
DNR Land Acquisition Costs	-	-	-	-
Capital Equipment	-	-	-	-
Other Equipment/Tools	-	-	-	-
Supplies/Materials	\$35,000	-	-	\$35,000
DNR IDP	-	-	-	-
Grand Total	\$2,834,000	-	-	\$2,834,000

Personnel

Position	Annual FTE	Years Working	Funding Request	Antic. Leverage	Leverage Source	Total
AMA enhancement technician	0.5	3.0	\$85,000	-	-	\$85,000
AMA contracting	0.5	3.0	\$109,200	-	-	\$109,200
Stream Restoration Coordinator	1.0	2.0	\$225,000	-	-	\$225,000
Stream Restoration Interns	1.0	2.0	\$50,000	-	-	\$50,000
AMA enhancement specialist	2.0	3.0	\$436,800	-	-	\$436,800

Amount of Request: \$2,834,000

Amount of Leverage: -

Leverage as a percent of the Request: 0.0%

DSS + Personnel: \$996,800

As a % of the total request: 35.17%

Easement Stewardship: -

As a % of the Easement Acquisition: -

How will this program accommodate the reduced appropriation recommendation from the original proposed requested amount?

We have chosen to reduce the amount spent in salary through reductions in positions, years of position funding, and FTE equivalents. We will implement stream projects based on our prioritized list, completing the highest priorities with available funding. We will look at other funding options for trout stream enhancement.

Contracts

What is included in the contracts line?

The full amount of contract funding will be spent on R/E work.

Travel

Does the amount in the travel line include equipment/vehicle rental?

-

Explain the amount in the travel line outside of traditional travel costs of mileage, food, and lodging

I understand and agree that lodging, meals, and mileage must comply with the current MMB Commissioner Plan:

No

Direct Support Services

How did you determine which portions of the Direct Support Services of your shared support services is direct to this program?

Departmental formula calculated by DNR Office of Management and Budget Services.

Federal Funds

Do you anticipate federal funds as a match for this program?

No

Output Tables**Acres by Resource Type (Table 1)**

Type	Wetland	Prairie	Forest	Habitat	Total Acres
Restore	0	0	0	15	15
Protect in Fee with State PILT Liability	0	0	0	0	0
Protect in Fee w/o State PILT Liability	0	0	0	0	0
Protect in Easement	0	0	0	0	0
Enhance	0	0	0	265	265
Total	0	0	0	280	280

Total Requested Funding by Resource Type (Table 2)

Type	Wetland	Prairie	Forest	Habitat	Total Funding
Restore	-	-	-	\$2,001,300	\$2,001,300
Protect in Fee with State PILT Liability	-	-	-	-	-
Protect in Fee w/o State PILT Liability	-	-	-	-	-
Protect in Easement	-	-	-	-	-
Enhance	-	-	-	\$832,700	\$832,700
Total	-	-	-	\$2,834,000	\$2,834,000

Acres within each Ecological Section (Table 3)

Type	Metro/Urban	Forest/Prairie	SE Forest	Prairie	N. Forest	Total Acres
Restore	0	0	9	0	6	15
Protect in Fee with State PILT Liability	0	0	0	0	0	0
Protect in Fee w/o State PILT Liability	0	0	0	0	0	0
Protect in Easement	0	0	0	0	0	0
Enhance	20	25	20	100	100	265
Total	20	25	29	100	106	280

Total Requested Funding within each Ecological Section (Table 4)

Type	Metro/Urban	Forest/Prairie	SE Forest	Prairie	N. Forest	Total Funding
Restore	-	-	\$920,400	-	\$1,080,900	\$2,001,300
Protect in Fee with State PILT Liability	-	-	-	-	-	-
Protect in Fee w/o State PILT Liability	-	-	-	-	-	-
Protect in Easement	-	-	-	-	-	-
Enhance	\$62,800	\$78,500	\$62,800	\$314,100	\$314,500	\$832,700
Total	\$62,800	\$78,500	\$983,200	\$314,100	\$1,395,400	\$2,834,000

Average Cost per Acre by Resource Type (Table 5)

Type	Wetland	Prairie	Forest	Habitat
Restore	-	-	-	\$133,420
Protect in Fee with State PILT Liability	-	-	-	-
Protect in Fee w/o State PILT Liability	-	-	-	-
Protect in Easement	-	-	-	-
Enhance	-	-	-	\$3,142

Average Cost per Acre by Ecological Section (Table 6)

Type	Metro/Urban	Forest/Prairie	SE Forest	Prairie	N. Forest
Restore	-	-	\$102,266	-	\$180,150
Protect in Fee with State PILT Liability	-	-	-	-	-

Protect in Fee w/o State PILT Liability	-	-	-	-	-
Protect in Easement	-	-	-	-	-
Enhance	\$3,140	\$3,140	\$3,140	\$3,141	\$3,145

Target Lake/Stream/River Feet or Miles

2.5 miles

Outcomes

Programs in forest-prairie transition region:

- Rivers and streams provide corridors of habitat including intact areas of forest cover in the east and large wetland/upland complexes in the west ~ *All restoration and enhancement projects on rivers include restoration of the riparian area into native vegetation. We will monitor the success of plant establishment and conduct maintenance as needed during the 2-3 year establishment period to insure that sites are part of a healthy riparian corridor.*

Programs in metropolitan urbanizing region:

- A network of natural land and riparian habitats will connect corridors for wildlife and species in greatest conservation need ~ *Our work in the metro region will involve enhancement on AMA parcels. These lands are located in complexes of habitat, with corridors of riparian habitat connecting larger blocks of land in native vegetation. We will monitor enhancement projects to insure that they are successful in their goals of creating quality habitat based on the mix of native plant species present as compared to pre-project.*

Programs in the northern forest region:

- Improved aquatic habitat indicators ~ *Fisheries monitoring programs through the DNR and PCA are designed to assess the relative health of aquatic systems through the use of tools such as indices of biotic integrity (IBI), the MN Stream Habitat Assessment, and Score-Your-Shore. These can all be used to assess tour success in achieving outcomes for these projects.*

Programs in prairie region:

- Improved condition of habitat on public lands ~ *Our AMA enhancement program will monitor all projects to insure that outcome goals are being met by looking at the diversity and abundance of native plant species that are supported by project sites as compared to pre-project.*

Programs in southeast forest region:

- Rivers, streams, and surrounding vegetation provide corridors of habitat ~ *All restoration and enhancement projects on rivers include restoration of the riparian area into native vegetation. We will monitor the success of plant establishment and conduct maintenance as needed during the 2-3 year establishment period to insure that sites are part of a healthy riparian corridor.*

Parcels

For restoration and enhancement programs ONLY: Managers may add, delete, and substitute projects on this parcel list based upon need, readiness, cost, opportunity, and/or urgency so long as the substitute parcel/project forwards the constitutional objectives of this program in the Project Scope table of this accomplishment plan. The final accomplishment plan report will include the final parcel list.

Parcel Information

Sign-up Criteria?

No

Explain the process used to identify, prioritize, and select the parcels on your list:

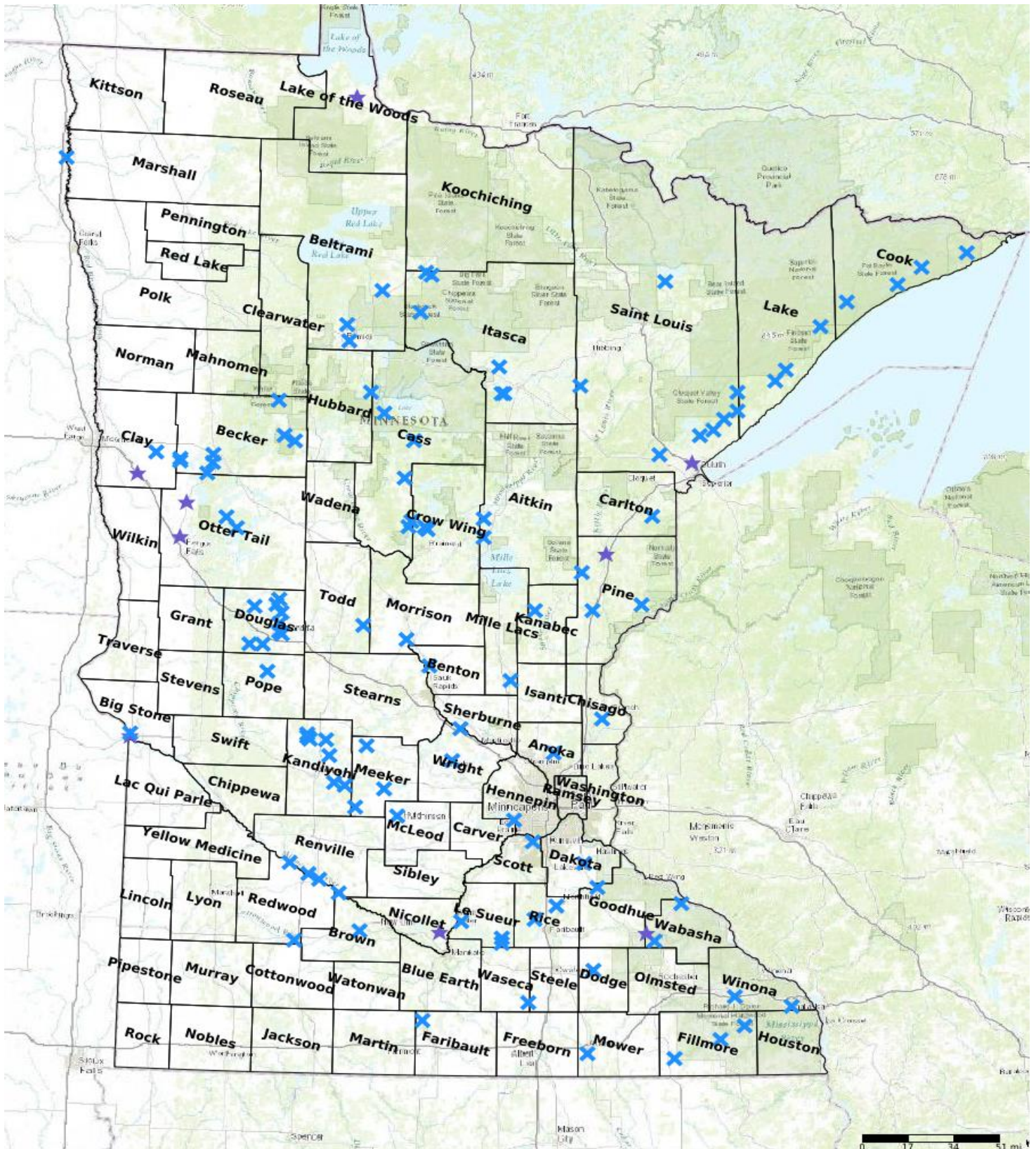
Restore / Enhance Parcels

Name	County	TRDS	Acres	Est Cost	Existing Protection
Mud River	Aitkin	04527205	10	\$10,000	Yes
Cedar Lake AMA	Aitkin	04727232	2	\$1,500	Yes
Ham Lake	Anoka	03223220	7	\$3,500	Yes
Detroit Lake Headquarters	Becker	13841208	20	\$10,000	Yes
Bucks Mill	Becker	13842236	45	\$8,500	Yes
Straight Lake (Osage Pond)	Becker	14036229	10	\$5,000	Yes
Shell River	Becker	14037215	1	\$125,000	Yes
Upper Cormorant AMA	Becker	13843205	64	\$32,500	Yes
Upper Cormorant (Island) AMA	Becker	13843208	1	\$2,000	Yes
Long Lake	Becker	13941229	8	\$3,500	Yes
Bad Medicine	Becker	14237208	3	\$2,000	Yes
Bemidji Lake (north)	Beltrami	14733216	15	\$3,500	Yes
Blackduck Lake	Beltrami	14931210	4	\$2,000	Yes
Bemidji Lake (south)	Beltrami	14633215	5	\$4,500	Yes
Little Rock Lake AMA	Benton	03731210	12	\$1,500	Yes
Whetstone River	Big Stone	12146216	16	\$2,000,000	Yes
MN River Headwaters	Big Stone	12146209	6	\$4,000	Yes
Cottonwood River	Brown	10932203	18	\$9,000	Yes
Blackhoof River	Carlton	04717227	20	\$3,500	Yes
Lotus Lake	Carver	11623201	5	\$39,000	Yes
Woman Lake	Cass	14029222	5	\$7,500	Yes
Agate Rearing Pond	Cass	13529232	9	\$1,500	Yes
Grassy Point	Cass	13529221	15	\$3,500	Yes
Pine River/Norway Lake Dam	Cass	13829231	1	\$1,000,000	Yes
Ah Gwah Ching	Cass	14231235	20	\$25,000	Yes
Sunrise Lake	Chisago	03420217	20	\$10,000	Yes
Silver Lake	Clay	13945226	105	\$36,500	Yes
Stony Creek	Clay	13746203	49	\$1,944,000	Yes
Devil Track River	Cook	06201221	40	\$18,500	Yes
Swamp River	Cook	06304229	40	\$13,500	Yes
Cedar Creek AMA	Cook	06005223	10	\$3,500	Yes
Cascade River	Cook	06102224	40	\$13,500	Yes
Bertha Moody Lake	Crow Wing	13528232	35	\$7,500	Yes
North Long Lake	Crow Wing	13428204	55	\$15,000	Yes
South Branch Vermillion River	Dakota	11418229	28	\$40,700	Yes
Naylor AMA	Dodge	10718213	2	\$3,500	Yes
Bliss	Douglas	13037221	8	\$3,500	Yes

Lake Carlos Dam	Douglas	12937215	1	\$180,000	Yes
West Rachel Shores	Douglas	12739215	6	\$9,000	Yes
Big Chippewa Lake	Douglas	12939201	7	\$2,000	Yes
Geneva Lake	Douglas	12837221	10	\$2,000	Yes
Jessie Lake	Douglas	12837227	5	\$2,000	Yes
Mary Lake	Douglas	12738216	20	\$4,500	Yes
Miltona Lake	Douglas	13037232	15	\$3,500	Yes
Crestwood Hills	Douglas	12837204	6	\$3,500	Yes
Blue Earth AMA	Faribault	10428221	5	\$4,000	Yes
Lanesboro Hatchery	Fillmore	10310226	10	\$3,000	Yes
Peterson Trout Hatchery	Fillmore	10408232	20	\$5,000	Yes
Etna Creek	Fillmore	10213236	38	\$26,000	Yes
Gemini	Goodhue	11217207	52	\$23,800	Yes
Pine Creek (New Hartford)	Houston	10505230	7	\$161,000	Yes
Kabekona Lake	Hubbard	14332224	10	\$7,500	Yes
Sugar Brook AMA	Itasca	05426203	10	\$1,500	Yes
Island Lake AMA	Itasca	15028205	5	\$1,500	Yes
Pokegama Lake	Itasca	05426204	5	\$1,500	Yes
Dixon Lake AMA	Itasca	14829224	15	\$15,000	Yes
Crawford Island	Itasca	05626217	10	\$1,500	Yes
Bender AMA	Itasca	15028210	10	\$3,500	Yes
Little Knife	Kanabec	04124221	60	\$20,000	Yes
Middle Lake	Kandiyohi	12135209	8	\$4,000	Yes
Norway Lake	Kandiyohi	12135205	26	\$9,800	Yes
Green Lake	Kandiyohi	12034210	10	\$4,800	Yes
Kasota Lake	Kandiyohi	11934236	4	\$7,200	Yes
New london hatchery	Kandiyohi	12134209	5	\$2,500	Yes
Games Lake	Kandiyohi	12235232	2	\$6,000	Yes
Elizabeth Lake	Kandiyohi	11833203	40	\$48,000	Yes
Split Rock River	Lake	05509217	20	\$3,500	Yes
Manitou River	Lake	05806206	20	\$3,500	Yes
Bostic Creek	Lake of the Woods	16133212	60	\$500,000	Yes
St Peter	Le Sueur	11026214	17	\$13,400	Yes
Tetonka Lake	Le Sueur	10923217	4	\$2,000	Yes
Waterville Hatchery	Le Sueur	10923229	25	\$15,000	Yes
Frank Rose	Marshall	15750230	25	\$3,000	Yes
Hutchinson FMA	McLeod	11730235	6	\$5,500	Yes
Thompson Lake	Meeker	11732217	50	\$6,500	Yes
North Fork Crow River	Meeker	12132224	45	\$29,500	Yes
Minniebelle Lake	Meeker	11831212	21	\$20,000	Yes
Chuck Davis	Mille Lacs	03626203	16	\$20,000	Yes
McDougall	Morrison	12829232	11	\$3,500	Yes
Cedar River	Mower	10218222	34	\$10,000	Yes
Seven Mile Creek Dam	Nicollet	10927204	1	\$350,000	Yes
Elizabeth Dam	Otter Tail	13443232	1	\$450,000	Yes
Dead River-Walker Lake	Otter Tail	13440211	25	\$10,000	Yes
Dead Lake	Otter Tail	13540219	10	\$5,000	Yes
Pelican Rapids Dam	Otter Tail	13643227	1	\$750,000	Yes
Barnes Springs	Pine	04118212	30	\$3,500	Yes
Willow River Dam removal	Pine	04420202	1	\$650,000	Yes
Hinckley	Pine	04121224	50	\$20,000	Yes
Big Pine	Pine	04321208	20	\$3,500	Yes
Glenwood Headquarters	Pope	12538202	31	\$22,000	Yes
Brickyard	Redwood	11334231	25	\$12,500	Yes
Riverside	Redwood	11335221	104	\$14,000	Yes
Whispering Ridge	Redwood	11436232	84	\$88,600	Yes

Sanborn	Redwood	10936227	60	\$30,200	Yes
Nesburgs Landing	Renville	11233229	7	\$3,500	Yes
Dudley-Kelly	Rice	11021208	2	\$1,000	Yes
Cannon River (Dundas)	Rice	11120215	28	\$22,600	Yes
Eagle Creek	Scott	11521218	57	\$85,400	Yes
Lester River	St. Louis	05214227	5	\$3,500	Yes
Island Lake (Goodland) AMA	St. Louis	05521220	5	\$1,500	Yes
Miller Creek	St. Louis	05014218	5	\$800,000	Yes
Donna Lake	St. Louis	05412201	2	\$1,500	Yes
French River Headwaters	St. Louis	05213216	52	\$18,500	Yes
Knife River	St. Louis	05312212	20	\$3,500	Yes
Little Grand Lake	St. Louis	05116231	3	\$1,500	Yes
Sucker River	St. Louis	05312230	20	\$3,500	Yes
Tower hatchery	St. Louis	06116203	10	\$2,500	Yes
Little Swan Lake	Todd	12832203	5	\$1,500	Yes
Miller Creek	Wabasha	11112208	21	\$6,500	Yes
North Fork Zumbro River	Wabasha	10914206	9	\$750,000	Yes
Zumbro River	Wabasha	10914222	1	\$1,000	Yes
St Olaf Lake	Waseca	10522213	3	\$1,500	Yes
Coolridge Creek	Winona	10509203	12	\$30,000	Yes
Ramsey Lake	Wright	12026218	5	\$14,400	Yes
Silver Creek	Wright	12226215	4	\$4,800	Yes
Beaver River	-	05609225	100	\$5,500	Yes

Parcel Map



- Protect in Easement
- ▲ Protect in Fee with PILT
- ★ Protect in Fee W/O PILT
- ✕ Restore
- ✚ Enhance
- ✚ Other